

LISTING OF THE CLAIMS

1. (previously presented) A thermoplastic impact-reinforced polyamide composition comprising:

I) from 60 to 99% by weight of the total weight of the composition of at least one polyamide (I);

II) from 1 to 40% by weight of the total weight of the composition of at least one block copolymer (II) corresponding to the following general formula Y-B-Y' wherein:

- B is an elastomeric block thermodynamically incompatible with the Y and Y' blocks, wherein B comprises at least one monomer unit selected from the group consisting of butadiene, isoprene, 2,3-dimethyl-1,3-butadiene, 1,3-pentadiene and 2-phenyl-1,3-butadiene;

- Y and Y' are the same or different, at least one of the two blocks Y and Y' being partially or entirely composed of methyl methacrylate monomer units, wherein said methyl methacrylate units are at least 60 percent syndiotactic; and

III) from 0 to 20% by weight of the total weight of the composition of at least one impact additive, the total of (II) and (III) not exceeding 50% by weight.

2. (previously presented) The composition as claimed in claim 1, comprising:
from 70 to 98% by weight of (I)
from 2 to 30% by weight of (II).

3. (canceled)

4. (previously presented) The composition as claimed in claim 3 1, wherein B comprises butadiene.

5. (currently amended) The composition of claim 1, wherein Y and Y' comprise at least one

monomer unit chosen from styrene and methyl ~~methacrylates~~ methacrylate.

6. (previously presented) The composition as claimed in claim 5, wherein Y is a block composed predominantly of styrene and wherein Y' is a block composed predominantly of methyl methacrylate syndiotactic to a level of greater than 60%.

7. (previously presented) The composition as claimed in claim 1, wherein the impact additive comprises an elastomer.

8. (previously presented) The composition of claim 1, wherein the polyamide (I) is at least one polyamide selected from the group consisting of polyamides -4, -6, -10, -11, -12, -4,6, -6,9, -6,10, -6,12 and -12,12.

9. (previously presented) A polyphase composite material comprising the composition of claim 1 and at least one fiber compound selected from the group consisting of glass fibers, carbon fibers, fibers derived from carbon, metal fibers, and textile fibers.

10. (previously presented) A polymer alloy comprising the composition of claim 1 and at least one compound selected from the group consisting of polyamides and polyolefins.

11. (previously presented) A thermoplastic object comprising the composition of claim 1, formed by injection molding, extrusion, blowing or molding.

12 - 14. (canceled)

15. (previously presented) The composition of claim 5, wherein Y and Y' comprise methyl methacrylate.

16. (previously presented) The composition as claimed in claim 7, wherein the impact additive elastomer comprises EPDM or elastomeric polyolefins.